

MARYLAND BOARD OF PHYSICIANS
Allied Health Division
P.O Box 2571
Baltimore, MD 21215
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www.mbp.state.md.us

**APPLICATION FOR APPROVAL OF A NUCLEAR MEDICINE TECHNOLOGIST TO
OPERATE A CT/NUCLEAR MEDICINE DEVICE FOR A DIAGNOSTIC CT OR NON-
DIAGNOSTIC ATTENUATION CORRECTION WITH OR WITHOUT INTRAVENOUS
CONTRAST**

This application is for nuclear medicine technologists who want to operate a CT/Nuclear Medicine Device for a diagnostic CT or non-diagnostic CT with or without intravenous contrast.

Requirements:

1. Current Maryland licensure as a nuclear medicine technologist (NMT);
2. Valid certification in computed tomography (CT) from the American Registry for Radiologic Technology (ARRT);
3. Documentation of having performed at least 20 contrasted CT exams which have been observed by *qualified CT technologist and/or physician.* The NMT must use the attached *Verification of Contrast CT Procedures form to document the performance of the contrasted CT exams. (The qualified CT technologist and/or the physician must verify that the NMT performed the intravenous contrast.)*
4. Signed and dated *Attestation of Completion of CT Contrast Procedures.*

Note: The procedures performed to satisfy the requirement for ARRT certification in CT may also be used to satisfy Board requirements. The procedures must be documented on the attached required form.

Approval:

If the nuclear medicine technologist meets the criteria, Board staff will issue an approval letter. An NMT may not perform diagnostic CT on a CT/Nuclear Medicine Device without an approval letter from the Board.

Contrast Administration:

Approval permits administration of contrast media only after consultation with, and under the supervision of a physician who is immediately and physically available.

Operation of a Free-standing CT:

Approval does not permit a Nuclear Medicine Technologist to operate a free-standing CT.

Mailing Instructions:

Applications should be mailed to the Board using the address on the top of the application.

Important:

Retain a copy of the documentation you submitted to the Board for your personal record.

Glossary:*

“Qualified CT Technologist” means a medical radiation technologist (MRT) who has been certified by the ARRT in CT or has at least five years experience working on a CT.

“Physician” means a radiologist or a physician who is proficient in operating a CT and administering IV contrast media.